

For more information contact:

Kirk Weber at 201-460-8384
or via e-mail at Kirk.Weber@njmeadowlands.gov

Fee:

Program fee is \$5.00 per child. There is no cost to leaders or chaperones. At least one adult for every 6 scouts is required. Reservations must be made at least 2 weeks in advance.

To make a reservation contact:

Anita Panecki at 201-460-4879

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2004/2005

**BROWNIE
GIRL SCOUT
PROGRAMS**



**A NEW JERSEY
MEADOWLANDS COMMISSION
FACILITY**

**OPERATED BY
RAMAPO COLLEGE OF NEW JERSEY**

Two DeKorte Park Plaza
Lyndhurst, NJ 07071
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BROWNIE GIRL SCOUT PROGRAMS

Title: Underwater Wonders

Duration: One 90-minute session

Addresses requirements for:
Water Everywhere Try-it

Overview: This program provides an introduction to the estuarine ecosystem, allowing participants to investigate it first-hand and gain a more thorough understanding of the flora and fauna that make it unique.

Activities:

- 🌿 Build a simple underwater viewing device called a water scope.
- 🌿 Walk through a marsh and use water scopes to observe and dip nets to capture aquatic organisms.
- 🌿 See and taste the difference between salt and fresh water.

Title: Inside the Ecosystem

Duration: One 90-minute session

Addresses requirements for:
Plants and Eco-Explorer Try-its

Overview: This program offers an opportunity to formally explore a terrestrial habitat from the perspective of a naturalist. Each participant will help to construct her own nature handbook to be used as both a field guide and a journal where observations will be recorded.

Activities:

- 🌿 Create and decorate a nature handbook.
- 🌿 Go on a short nature hike to collect plant seeds and leaves and use field guides to identify the trees from which they've come.
- 🌿 Draw and do rubbings of the seeds and leaves collected in your handbook and label them.



Title: Water Animals

Duration: One 90-minute session

Addresses requirements for:
Animals Try-it

Overview: As an introduction to the adaptations aquatic animals possess, participants will observe captive animals to learn how they feed, move, and breath.

Activities:

- 🌿 Observe the animals living in our Center and learn about their behavior.
- 🌿 Mimic the movements of aquatic species in a game of "Salt Marsh Simon Says".
- 🌿 Visit the "Present Day Marsh" room in the Discovery Station Interactive Learning Center to learn about the animals that live in the marsh.



Title: What's a Humanimal?

Duration: One 90-minute session

Addresses requirements for: *Watching Wildlife Try-it*

Overview: This program attempts to define this odd word by examining the similarities and differences between animal species, specifically humans and some of our most familiar kin, including both wild and domestic animals.

Activities:

- 🌿 Take a short hike to look for animal homes.
- 🌿 Using an onion bag, make a cache of nest building materials to hang out for birds.
- 🌿 Learn about how to interact with wildlife in a way that is safe for both the observer and the animal.
- 🌿 Learn how animals use scent and sound to identify one another.

Title: Under Pressure, Underfoot

Duration: Two 90-minute sessions

Addresses requirements for:
Watching Wildlife Try-it

Overview: Participants will learn how worms and insects experience the world and how they benefit nature and humans. Included in the program will be a close encounter with earthworms and a lesson in how bees make honey.

Activities:

- 🌿 Take a short hike to search for insects and earthworms.
- 🌿 Observe the movement of insects and worms and try mimicking this movement.
- 🌿 Learn how honeybees communicate using a complex "dance".
- 🌿 Learn how scientists group animals according to their characteristics by classifying common objects.
- 🌿 Use observations to classify insects and other invertebrates.
- 🌿 Conduct simple experiments with earthworms to learn about their senses.

